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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/882,433	06/14/2001	Rajesh B. Amin		8851

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RAJESH B. AMIN
1919 PAJARITO COURT
DESOTO, TX 75115

EXAMINER

BHATIA, AJAY M

ART UNIT	PAPER NUMBER
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2145

DATE MAILED: 11/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/882,433	Applicant(s) AMIN, RAJESH B.	
	Examiner Ajay M Bhatia	Art Unit 2145	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

1. Claims 1-19 are pending.
2. Claims 1-19 are rejected.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. The following title is suggested: A network accounting and management system for third party service providers on an IP centric, Next Generation Network.

Claim Rejections - 35 USC § 112

4. Claims 12- 19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
5. Claim 12 recites the limitation "The method of claim 11" in the first line. There is insufficient antecedent basis for this limitation in the claim. It is understood this error could be typographical, for the purposes of this office action it will be consider "The system of claim 11". Appropriate corrections are required.
6. Claim 2 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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7. Claim 2 recites the limitation "functional components" in the third paragraph.

There is insufficient antecedent basis for this limitation in the claim. For the purpose of the office action "functional components" will be treated as system interface modules.

An appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Farrell et al. (U.S. Patent 6,751,633 referred to as Farrell).

9. For claim 1, Farrell teaches, a method for a service delivery platform to provision and configure third party IP application service provider for the network service provider to deliver Internet related services in an Internet Protocol (IP) centric distributed network to a first user, the method comprising:

teaches, establishing policy requirements set by the network service provider with third party application service provider; (see Farrell, Col. 22 line 65 to Col. 22 line 10)

establishing configuration between functional components for access; (see Farrell, Col. 18 lines 16-34)

maintaining third party IP application service provider's records; (see Farrell, Col. 3 lines 7-28)

managing delivery of IP application services; (see Farrell, Col. 5 lines 13-29)

reporting service related information and accounting records for a first user to network service provider. (see Farrell, Col. 3 lines 7-28)

10. For claim 2, Farrell teaches, the method of claim 1 further including providing session management control, policy management, accounting management, resource control management, security management, mobile portal control, and network management that include configuration and provisioning management by the service delivery platform. (see Farrell, Col. 4 lines 63-67, Col. 5 lines 29-34, Col. 7 lines 26-48, Col. 29 lines 15-42, Col. 31 lines 5-18, Col. 31 line 47 to Col. 32 line 15, and Col. 32 line 48 to Col. 33 line 15)

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11. For claim 3, Farrell teaches, the method of claim 1 further including providing service management capabilities by the service delivery platform. (see Farrell, Col. 32 line 48 to Col. 33 line 15)
12. For claim 4, Farrell teaches, the method of claim 1 further including facilitating service management activities between the third party IP application service provider, network service provider and the first user by the service delivery platform. (see Farrell, Col. 32 line 48 to Col. 33 line 15)
13. For claim 5, Farrell teaches, the method of claim 1 further including facilitating enabling of service activation for the first user, and interaction activities between the first user, the service delivery platform and the third party service provider. (see Farrell, Col. 32 line 48 to Col. 33 line 15)
14. For claim 6, Farrell teaches, the method of claim 1 further including interfacing with the service delivery platform for resolution in case of third party IP application service provider invocation and any parameter dispute. (see Farrell, Col. 18 line 66 to Col. 19 line 11, and Col. 25 lines 8-47)
15. For claim 7, Farrell teaches, the method for a network service provider to interface with the service delivery platform to configure third party IP application service

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provider to deliver Internet related services in an Internet Protocol (IP) centric distributed network to a first user, the method comprising:

conveying first user's authorized services and user's profile; (see Farrell, Col. 3 lines 35-50, Col. 3 lines 18-27, and Col. 5 lines 13-28)

accounting method to use for final usage data reporting of a first user; (see Farrell, Col. 4 lines 63-67)

conveying network policy requirement for a specific to Internet related service for a first user. (see Farrell, Col. 18 lines 20 -39, Col. 21 lines 38-47, Col. 21 line 65 to Col. 22 line 22, and Col. 31 lines 5-18)

16. For claim 8, Farrell teaches, the method of claim 7 further including facilitating end user's access to a third party IP application service provider. (see Farrell, Col. 7 lines 26-48)

17. For claim 9, Farrell teaches, the method of claim 7 further including facilitating a third party IP application service provider by service delivery platform to enable to provide IP application service to a first user. (see Farrell, Col. 4 lines 63-67 and, Col. 5 lines 29-34)

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18. For claim 10, Farrell teaches, the method of claim 9 further including facilitating security mechanism between a third party IP application service provider and a first user. (see Farrell, Col. 5 line 56 to Col. 6 line 11, Col. 29 lines 15-42)

19. For claim 11, Farrell teaches, a system for a service delivery platform to manage invoked IP application services by a first user to a third party IP application service provider, the system comprising:

a first user requests a IP application service to a third party IP application service provider; (see Farrell, Col. 24 lines 37-58)

a third party IP application service provider renders a service to a first user; (see Farrell, Col. 3 lines 7-28, and Col. 25 line 58 to Col. 26 line 3)

a third party reports accounting usage to a service delivery platform; (see Farrell, Col. 4 lines 63-67 and Col. 5 lines 13-29)

a service delivery platform facilitates network resource needs for a first user. (see Farrell, Col. 31 line 47 to Col. 32 line 15)

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20. For claim 12, Farrell teaches, the method of claim 11 further including facilitating network's resources needed in providing IP application service to a first user. (see Farrell, Col. 31 line 47 to Col. 32 line 15)

21. For claim 13, Farrell teaches, the method of claim 11 further including facilitating accounting clients at a first user to collect usage data. (see Farrell, Col. 5 lines 13-29)

22. For claim 14, Farrell teaches, the method of claim 11 further facilitating policy requirements to accommodate resources. (see Farrell, Col. 31 line 47 to Col. 32 line 15)

23. For claim 15, Farrell teaches, the method of claim 11 further performing sequence of actions within a service delivery platform to coordinate network service provider's guidelines. (see Farrell, Col. 4 lines 63-67, and Col. 5 lines 24-34)

24. Claims 11, and 16-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Schweitzer et al. (U.S. Patent 6,418,467 referred to as Schweitzer).

25. For claim 11, Farrell teaches, a system for a service delivery platform to manage invoked IP application services by a first user to a third party IP application service provider, the system comprising:

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a first user requests a IP application service to a third party IP application service provider; (see Schweitzer, Col. 5 line 51 to Col. 6 line 38)

a third party IP application service provider renders a service to a first user; (see Schweitzer, Col. 5 line 51 to Col. 6 line 38)

a third party reports accounting usage to a service delivery platform; (see Schweitzer, Col. 3 lines 20-33, and Col. 5 lines 30-42)

a service delivery platform facilitates network resource needs for a first user. (see Schweitzer, Col. 5 lines 47-51)

26. For claim 16, Schweitzer teaches, the method of claim 11 further stores accounting usage at a local data base. (see Schweitzer, Figure 6, Col. 4 lines 17-18, Col. 4 lines 39-50, Col. 5 lines 43-46, Col. 6 lines 50-65, Col. 8 lines 3-9 and Col. 8 lines 16-45)

27. For claim 17, Schweitzer teaches, the method of claim 11 collects complete accounting usage from a third party IP application service provider. (see Schweitzer, Col. 2 lines 29-53, Col. 3 lines 20-42, Col. 7 lines 49-60)

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28. For claim 18, Schweitzer teaches, the method of claim 11 collects interim accounting usage data and stores in a local data base. (see Schweitzer, Figure 6, Col. 4 lines 17-18, Col. 4 lines 39-50, Col. 5 lines 43-46, Col. 6 lines 50-65, Col. 8 lines 3-9 and Col. 8 lines 16-45)

29. For claim 19, Schweitzer teaches, the method of claim 11 reports collected accounting usage data of a first user to a network service provider for final aggregation, billing and charges to a first user. (see Schweitzer, Col. 2 lines 29-53, Col. 3 lines 20-42, Col. 7 lines 49-60)

30. Claims 1-10 and 12-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Schweitzer (U.S. Patent 6,418,467).

Regarding independent claims 1, 7, 11, (e.g., exemplary independent claim 1)

31. For claim 1, Farrell teaches, a method for a service delivery platform to provision and configure third party IP application service provider for the network service provider to deliver Internet related services in an Internet Protocol (IP) centric distributed network to a first user, the method comprising:

teaches, establishing policy requirements set by the network service provider with third party application service provider; (see Schweitzer, Col. 3 lines 43-50 and Col. 3 lines 65-67)

establishing configuration between functional components for access; (see Schweitzer, Col. 3 lines 55-58, Col. 5 lines 30-42, Col. 6 lines 57-60, and Col. 8 lines 16-34)

maintaining third party IP application service provider's records; (see Schweitzer, Col. 3 lines 34-49, Col. 7 lines 49-60, and Col. 8 lines 16-45)

managing delivery of IP application services; (see Schweitzer, Col. 5 lines 7-22)

reporting service related information and accounting records for a first user to network service provider. (see Schweitzer, Col. 3 lines 34-49)

32. Regarding dependent, 2-6, 8-10 and 12-15 the limitations of these claims are inherent to the features with in Schweitzer.

Conclusion

33. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Kastelewicz et al. (Patent Application Publication 2004/0147245) Defines an IP service base accounting system across multiple networks.

34. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Amin et al. (U.S. Patent 6,714,987) define an IP centric network up which an accounting system can be places to charge for IP application services.

35. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Marchbanks et al. (U.S. Patent 6,266,401) defines a telephone network with third parties providing additional service and the billing system to charge for those services.

36. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Weiland et al. (U.S Patent 6,522,876) defines an accounting system with user profile for an AIN network.

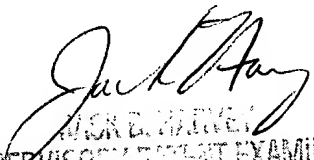
37. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. XaCCT 3.0 User Guide is a user guide for an IP service accounting system.

38. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ajay M Bhatia whose telephone number is (571)-272-3906. The examiner can normally be reached on M-F 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached on (571)-272-3896. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AB


JACK HARVEY
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